

Application No.: 10/768,260

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-29 (cancelled)

30 (new) A computer based method for mining a plurality of experiment information for a pattern, said method comprising:

collecting information from experiments;

gathering information about at least one of a plurality of groupings for said experiments to be mined;

adding attributes to the information from experiments;

mining transformed information;

displaying the results of the mining; and

saving the results of the mining.

31 (new) The computer based method of claim 1, wherein the mining is performed by normalization methods.

32 (new) The computer based method of claim 1, wherein the results are used for microarray data analysis.